# DICTA 2021

Digital Image Computing: Techniques & Applications

29th Nov – 1st Dec 2021

Hybrid Mode, Gold Coast, Australia

## Call for Papers

Website: http://dicta2021.dictaconference.org/

The International Conference on Digital Image Computing: Techniques and Applications (DICTA) is the main Australian Conference on computer vision, image processing, pattern recognition, and related areas. DICTA was established in 1991 as the premier conference of the Australian Pattern Recognition Society (APRS). DICTA 2021 is technically co-sponsored by the Institute of Electrical and Electronics Engineers (IEEE) and the International Association for Pattern Recognition (IAPR). All papers presented at the conference will be included in IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. DICTA 2021 will present *APRS Early Career Researcher Award*, *APRS best paper award*, *APRS best student paper award*, *DST best contribution to science award*, and *DST women in STEM award*. **DICTA 2021 is going to be held in a hybrid mode with both online and on site events**.

Topics include, but are not limited to:

- Computer vision
- Image coding and processing
- Statistical and structural pattern recognition
- Machine learning
- Shape and texture analysis
- Human-computer interaction
- Content-based image retrieval and image database

- Image analysis and understanding
- Biomedical and e-health applications
- Surveillance, defence and industrial applications
- Special Session on Deep Learning for Earth Observation and Remote Sensing (*Best Paper Award* sponsored by SmartSat CRC/AI4Space Research Network)
- Special Session on Machine Learning for Medical Image Analysis (*Best Paper Award* sponsored by Singular Health Group Ltd)

**Paper Submission deadline:** ~~16 Jul 2021~~ 10 Aug 2021
Notice of Acceptance: ~~27 Aug 2021~~ 13 Sept 2021

Camera-ready Papers Submission: ~~10 Sept 2021~~ 24 Sept 2021
Early Bird Registration: 28 Sept 2021

Authors are invited to submit papers of up to 8 pages according to the guidelines on the conference website. Each paper will go through double-blind peer review. Each accepted paper must be registered by an author before the early registration deadline to avoid withdrawal from the conference proceedings and technical program. It is a condition of publication that accepted papers are presented by one of the authors.

### Keynote Speakers

Jeremy Howard (CSIRO, fast.ai); Tao Mei (JD.COM); Mohammed Bennamoun (The University of Western Australia)

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